

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
29 September 2005 (29.09.2005)

PCT

(10) International Publication Number  
WO 2005/090283 A1

(51) International Patent Classification<sup>7</sup>: C07C 227/08, 209/10, 213/02, C07D 207/32, 209/08, 311/08, 215/60, C07C 229/60, 211/55, 217/92

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(21) International Application Number:  
PCT/GB2005/001130

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(22) International Filing Date: 18 March 2005 (18.03.2005)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English  
(26) Publication Language: English

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(30) Priority Data:  
0406125.5 18 March 2004 (18.03.2004) GB

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

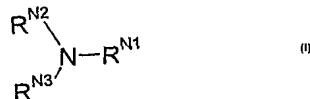
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WO 2005/090283 A1

(54) Title: METHODS OF AMINATION



(1)

(57) Abstract: A method of synthesising a compound of formula I: comprising the step of reacting a moiety of formula II: with a moiety of formula III: in compressed carbon dioxide in the presence of a transition metal catalyst and a base, wherein L is a labile leaving group; R<sup>N1</sup> is optionally substituted C<sub>5-20</sub> aryl; R<sup>N2</sup> is selected from optionally substituted C<sub>5-20</sub> aryl, optionally substituted C<sub>3-20</sub> heterocyclyl, optionally substituted C<sub>3-7</sub> alkyl, and optionally substituted sulfonyl; R<sup>N3</sup> is selected from H and optionally substituted C<sub>1-7</sub> alkyl, C<sub>3-20</sub> heterocyclyl and C<sub>5-20</sub> aryl; or R<sup>N2</sup> and R<sup>N3</sup> together with the nitrogen atom to which they are attached form optionally substituted nitrogen-containing C<sub>3-20</sub> heterocyclyl or C<sub>5-20</sub> heteroaryl; and R<sup>1</sup> R<sup>2</sup> and R<sup>3</sup> are independently selected from optionally substituted C<sub>1-7</sub> alkyl, C<sub>5-20</sub> aryl, C<sub>3-20</sub> heterocyclyl, hydroxy, halo, amino and C<sub>1-7</sub> alkoxy, or two of R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup>, together with the silicon atom to which they are attached, may form a silicon containing C<sub>3-7</sub> heterocyclyl group.